

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. **(currently amended):** An expression vector comprising a polynucleotide encoding for ~~a~~the polypeptide of SEQ ID NO:9 which hydroxylates the 24-position of an oleanane type triterpene.
2. **(previously presented):** The expression vector described in claim 1, wherein the polynucleotide is the polynucleotide of SEQ ID NO:8.
3. **(previously presented):** A transformant in which a host is transformed with the expression vector described in claim 1, wherein the host is a microorganism.
4. **(canceled).**
5. **(currently amended):** The transformant described in ~~claim 43~~claim 3, wherein the microorganism is a yeast.
6. **(currently amended):** A co-expression vector comprising a polynucleotide encoding for ~~a~~the polypeptide of SEQ ID NO:9 and a β -amyrin synthase gene.

7. **(previously presented):** The expression vector described in claim 6, wherein the polynucleotide is the polynucleotide of SEQ ID NO:8.

8. **(previously presented):** A transformant in which a host is transformed with the expression vector described in claim 6, wherein the host is a microorganism.

9. **(canceled).**

10. **(previously presented):** The transformant described in claim 8, wherein the microorganism is a yeast.

11. **(original):** A lanosterol synthase deficient yeast mutant strain deposited as FERM BP-10201.

12. **(withdrawn):** A method for producing a polypeptide that has the activity of hydroxylating the 24-position of an oleanane type triterpene, which comprises: a step of culturing the transformant described in claim 3; and thereby producing a polypeptide of SEQ ID NO:9.

13. **(withdrawn):** A method for producing: a polypeptide that has the activity of hydroxylating the 24-position of an oleanane type triterpene; and a β -amyrin synthase, which comprises culturing the transformant described in claim 8,

1) a step for producing the polypeptide described in claim 1 and

2) a step for producing the β -amyrin synthase.

14. (withdrawn): A method for producing an oleanane type triterpene in which the 24-position is hydroxylated, which comprises a step of allowing the transformant described in claim 3 to act upon an oleanane type triterpene.

15. (withdrawn): A method for producing an oleanane type triterpene in which the 24-position is hydroxylated, by culturing the transformant described in claim 8.

16. (withdrawn): A method for producing an oleanane type triterpene in which the 24-position is hydroxylated, by culturing the yeast mutant strain described in claim 11.